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Date: October 31, 2001

By: Lynne Anderson

Atty Docket No. 1565.006 / 2456-0017.20

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: *Innis et al.*

SERIAL NO.: 09/826,519

FILED: APRIL 3, 2001

FOR: CHIMERIC ANTISENSE OLIGONUCLEOTIDES AND  
CELL TRANSFECTING FORMULATIONS THEREOF

EXAMINER: L. NGUYEN

ART UNIT: 1635

Response under 37 CFR § 1.111

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office action mailed July 31, 2001 in the above-identified application, please amend the application as indicated below.

In the Claims:

Please replace claims 6-8 with the rewritten claims below. Also enclosed, starting on a separate page following this response, is a marked copy of the presently amended claims showing all changes relative to the previous version.

3<sup>1</sup>  
6. (Amended) The oligonucleotide of claim 1, wherein Z is linked to X<sup>2</sup> via a linkage selected from the group consisting of a phosphotriester linkage, a phosphorothioate linkage, and a phosphoramidate linkage.

7. (Amended) The oligonucleotide of claim 1, wherein Z is a 3'-to-3' linked nucleotide.

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